JTAV to AV Transition

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IDE Program Manage

AGENDA

- Background
- JTAV Overview
- IDE Context
- Where Is AV In The IDE Schedule
- AV Capabilities
- AV Notional Architecture
- AV Time Phased Implementation Schedule
- Roles And Responsibilities
- Program Risks
- Summary

Background

- November 1998 – JTAV Responsibility Transferred To DLA
- March 2000 - DUSD(L) “Sundown” Directive
  - No New Development Using PBD Funding
- But … Continuing Demand From User Community

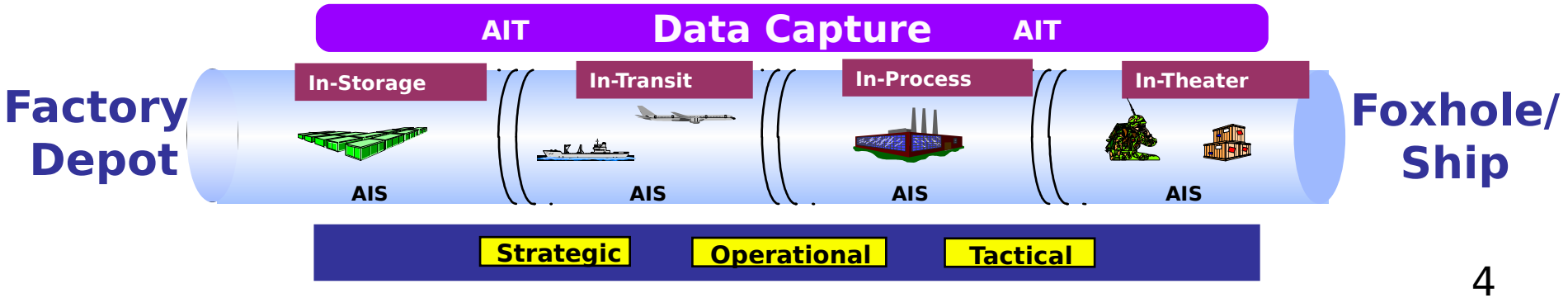
- Transition Objectives
  - Exploit DLA IDE For Data Management And Source Data Access
  - Application Technology Update / User Interface Redesign
  - Continued DLA Program Management

JTAV Defined

JTAV is the capability to provide users with timely and accurate information on the location, movement, status, and identity of units, personnel, equipment and supplies.

It facilitates the capability to act upon that information to improve overall performance of DoD's logistics practices.

Asset Pipeline



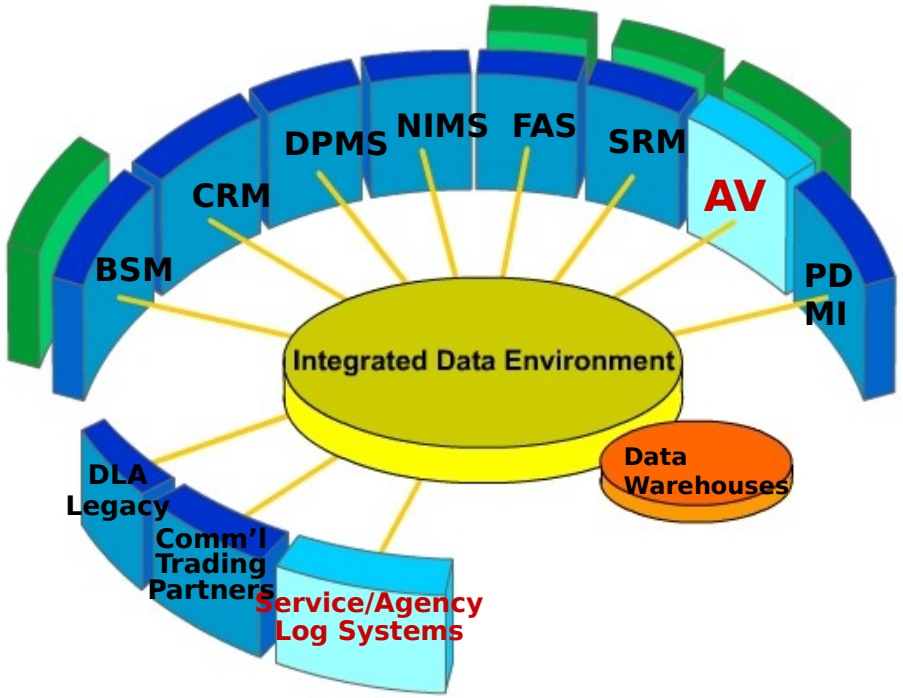
JTAV Today

COCOM	Contract Support	# High/Low Side Users (Active
EUCOM	2-Sr. Functional Analysts 1-System Administrator 1-Data Base Administrator	N - 262 S - 26
CENTCOM	1-Sr. Functional Analyst 1-Systen Administrator 1-Data Base Administrator	N - 264 S - 168
JFCOM	1-Sr. Functional Analyst 1-System Administrator 1-Data Base Administrator	N - 154 S - 11
PACOM USF Korea	2-Sr. Functional Analysts 1-System Administrator 1-Data Base Administrator	N - 1110 S - 35

DLA IDE Vision

Our Vision

The end-state IDE will provide an environment that enables the extended DLA Logistics Enterprise to execute practices, processes, applications and decision support tools to achieve logistics interoperability and allow for information sharing within DLA and between internal and external DLA business partners.



IDE Environment Supports The Asset Visibility Capability

DLA IDE Objectives

Mission

- To become the data provider of choice for DLA, DLA customers, and trading partners
- Allow legacy system modernization efforts to be paced within DLA priorities and resource constraints

Value-Added

- Enhances data translation and conversion
- Streamlines management and implementation of data processes, rules, and standards
- Capitalizes on best practices:
  - Data brokering
  - Access to authoritative sources of data
  - Data, metadata, and repository management

Outcomes

- Interoperable data
- Reusable interfaces
- Network-centric environment to support DLA transformation
- New Asset Visibility Capability Delivered

DLA IDE Incremental Delivery Plan

FY04

IDE Engine Development/Delivery

- HW/SW Sizing/ Procurement
- IDE Engine Build/Test
- IOC Implementation
- **AV Module Design**

FY05

Asset Visibility Delivery

- **AV Module COTS Integration & Fielding***
- Initial DLA GCSS Support
- Expanded Data Brokering Services
- Repository Development & Management
- Metadata Management & Standards compliance
- Business Rules Management

FY06

DLA System Support

- Extend support to DLA legacy and transformation programs
- Initial connection to Commercial Trading Partners
- Expanded DLA GCSS Support
- Support for Supply Chain Enhancements

FY07

Extended DOD & Commercial Trading Partner Support

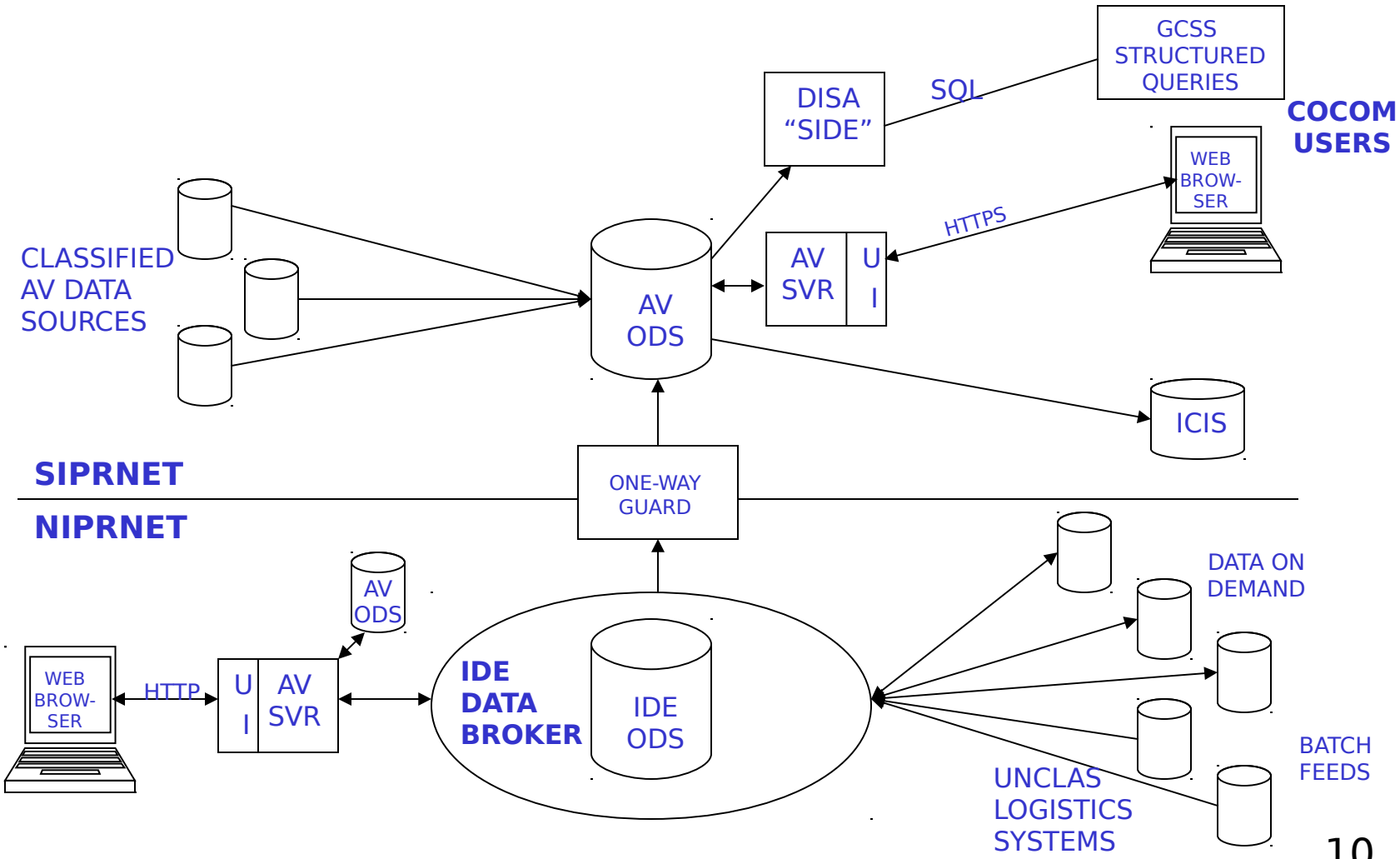
- Connectivity to full range of DLA customer systems
- Enhanced Supply Chain support

*Iterative integration process adding functionality with user involvement

DLA IDE Asset Visibility Capabilities

- **Functional Content**
  - **IDE-Based AV Will Maintain Capability While Positioning For Enhancements Deployed In A Rapid Manner**
    - **Requirements Baseline**
      - **As-Is JTAV**
      - **25 COCOM Matrix Requirements**
      - **30+ Additional Approved Engineering Change Requests (ECRs)**
    - **JTAV Maintenance ECRs Approved & Implemented During The Transition Period**
- **Technical Approach**
  - **“IDE Engine” Provides Data Brokering Services**
  - **New Flexible User Interface**
  - **Connect To Existing/Modernized Data Sources**
  - **Push Data To SIPRNET To Support High-Side AV Users**

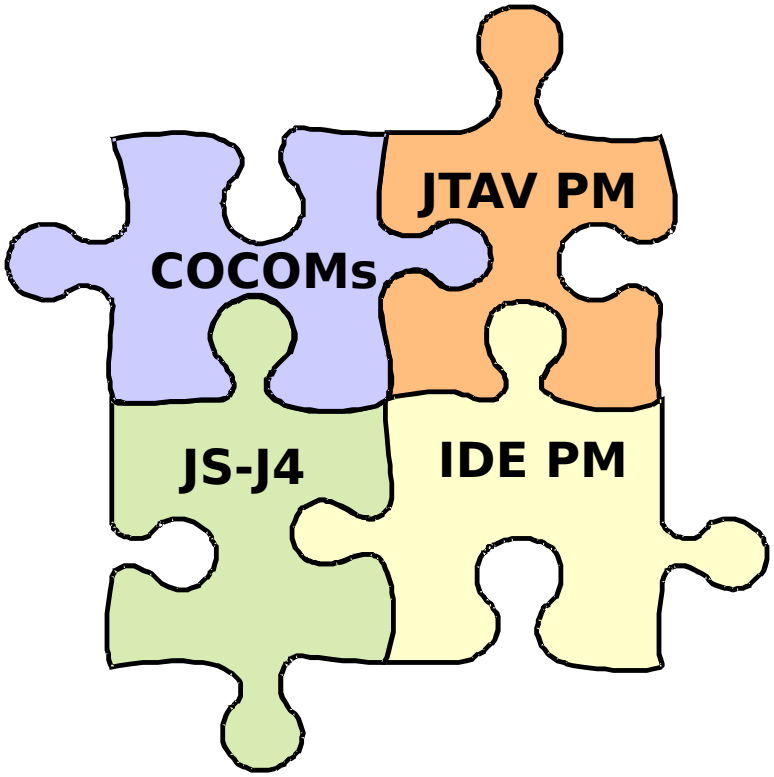
AV Notional Architecture



DLA AV Time Phased Implementation

- **Iteration 1 (April – Sept 2004)**
  - Requisition Status and Bulk Fuel Functional Areas
- **Iteration 2 (Oct 2004 – March 2005)**
  - Inventory, Medical, Unit Equipment, Subsistence, Personnel, and War Reserve Functional Areas
- **Iteration 3 (April 2005 – July 2005)**
  - Ammunition and Transportation functional areas (SIPRNET)
- **Iteration 4 (June 2005 – September 2005)**
  - Migration to production environment
  - Final user review and User Acceptance Test
  - Training
  - Help desk support setup
  - Final Extraction Transformation and Loading of data (Operational Data Store Refresh)
  - User migration to new AV application (security permissions, etc)

Roles & Responsibilities



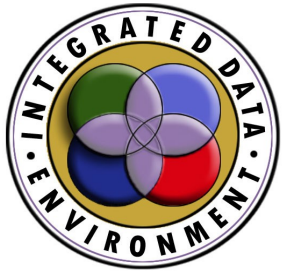
- COCOMs
  - User Interface Design Input
  - Testing
  - Transition Planning
- Joint Staff J-4
  - Functional Sponsor Of Process Owners For Joint Community
  - Manage COCOM Expectations
  - Requirements Configuration Management Oversight
  - Transition Coordination
    - COCOM User Involvement
    - Service/Agency Data Provider Support
- DLA
  - Manage As-Is JTAV Capability
  - Develop Replacement IDE-Based AV Capability
  - Collaborate With DISA Ref. SIPRNET Support
  - Install & Maintain Infrastructure
  - Manage Program Requirements Collection

Program Risks

- Perceived Loss Of Functional Capability
- Lack Of Requirements Management/Expectation Management During Transition
- Insufficient Service/Agency Support For Transition Activities And Milestones (Source Data Feed Access)
- Transition Time Of Current JTAV Users To New AV Application
- Centralized Data Architecture May Affect Performance To The End User
- SIPRNET Security Requirements And Architecture May Add To The Lead Time For Fielding The High Side AV Capability

Summary

- **Functionality**
  - AV Maintains Current Capability While Positioning For Future Enhancements
  - Users Involved In User Interface Design And Testing
  - Configuration Management Process For Addressing Changes And Controlling Expectations
- **Technical Approach**
  - Exploits IDE Commercial Off The Shelf Solution
  - Provides NIPRNET & SIPRNET Support



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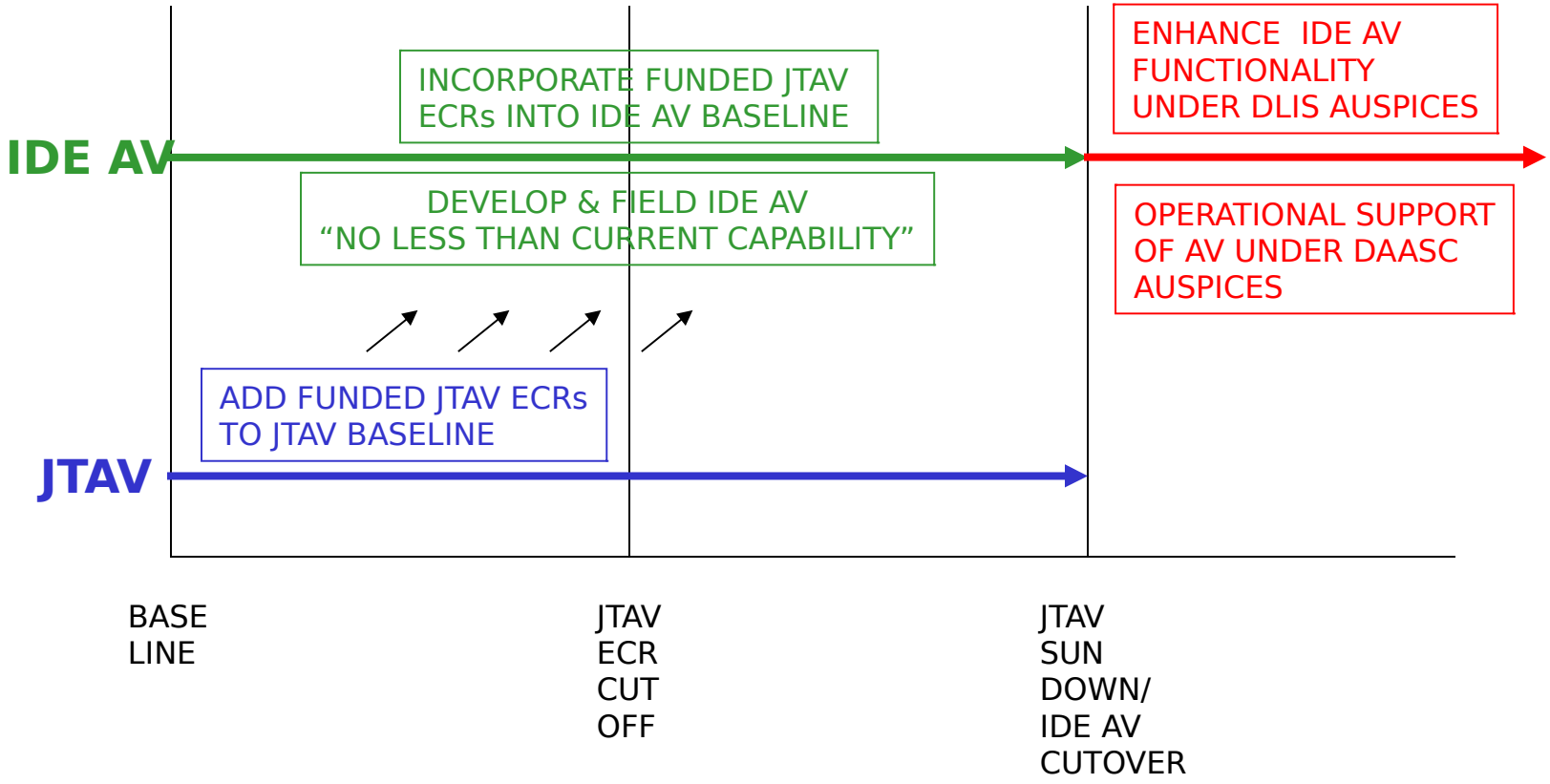
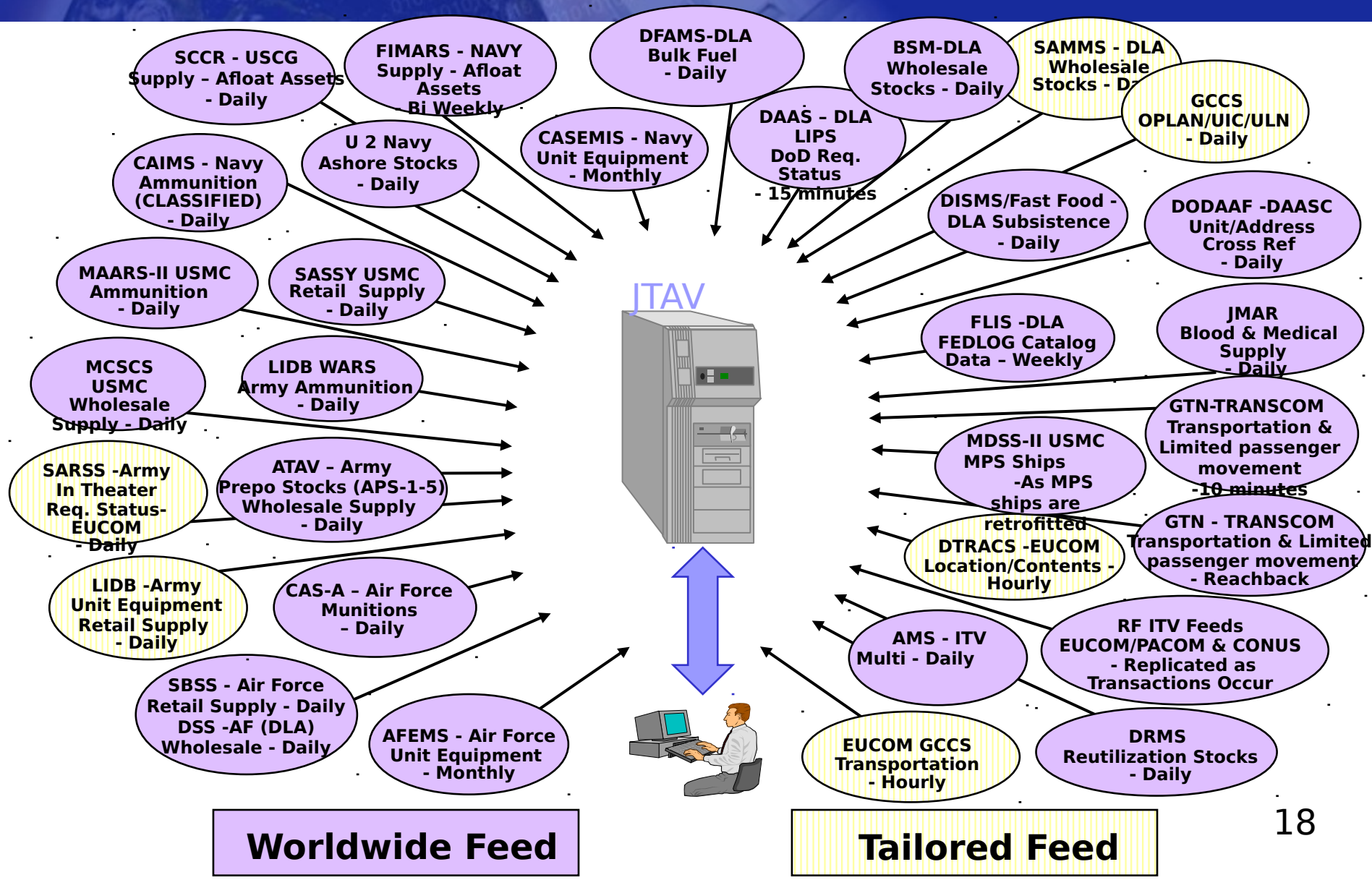
BACKUP SLIDES

JTAV / AV Functional Linkage



JTAV Today


SCCR - USCG Supply – Afloat Assets - Daily
FIMARS - NAVY Supply - Afloat Assets Bi Weekly
DFAMS-DLA Bulk Fuel - Daily
BSM-DLA Wholesale Stocks - Daily
SAMMS - DLA Wholesale Stocks - Da
GCCS OPLAN/UIC/ULN - Daily
CAIMS - Navy Ammunition (CLASSIFIED) - Daily
U 2 Navy Ashore Stocks - Daily
CASEMIS - Navy Unit Equipment - Monthly
DAAS – DLA LIPS DoD Req. Status - 15 minutes
DISMS/Fast Food - DLA Subsistence - Daily
DODAAF -DAASC Unit/Address Cross Ref - Daily
MAARS-II USMC Ammunition - Daily
SASSY USMC Retail Supply - Daily
JTAV
FLIS -DLA FEDLOG Catalog Data – Weekly
JMAR Blood & Medical Supply - Daily
MCSCS USMC Wholesale Supply - Daily
LIDB WARS Army Ammunition - Daily
GTN-TRANSCOM Transportation & Limited passenger movement -10 minutes
SARSS -Army In Theater Req. Status-EUCOM - Daily
ATAV – Army Prepo Stocks (APS-1-5) Wholesale Supply - Daily
MDSS-II USMC MPS Ships -As MPS ships are retrofitted
DTRACS -EUCOM Location/Contents - Hourly
GTN - TRANSCOM Transportation & Limited passenger movement - Reachback
LIDB -Army Unit Equipment Retail Supply - Daily
CAS-A – Air Force Munitions – Daily
AMS - ITV Multi - Daily
RF ITV Feeds EUCOM/PACOM & CONUS - Replicated as Transactions Occur
SBSS - Air Force Retail Supply - Daily DSS -AF (DLA) Wholesale - Daily
AFEMS - Air Force Unit Equipment - Monthly
EUCOM GCCS Transportation - Hourly
DRMS Reutilization Stocks - Daily
Worldwide Feed
Tailored Feed

JTAV Service/Agency Data Sources

- **Navy**
  - **FIMARS - Force Inventory Management Analysis Reporting System**
  - **U2 - Uniform Automated Data Processing System Revision 2**
  - **CASEMIS - Construction and Special Equipment Management Information System**
  - **CAIMS - Conventional Ammunition Integrated Management System (Class. Only)**
- **Army**
  - **LIDB – Logistics Integrated Data Base**
  - **ATAV – Army Total Asset Visibility**
  - **SARSS – Standard Army Retail Supply System**
- **Air Force**
  - **AFEMS – Air Force Equipment Management System**
  - **SBSS – Standard Base Supply System**
  - **CAS A – Combat Ammunition System**

JTAV Service/Agency Data Sources

- **Marine Corps**
  - **MCSCS - Marine Corps Stock Control System**
  - **SASSY - Supported Activity Supply System**
  - **ATLAS - Asset Tracking and Logistics Automated Supply System**
  - **MDSS II - Marine Air-Ground Task Force Deployment Support System**
  - **MAARS II - Marine Corps Ammunition and Accounting Reporting System**
- **Coast Guard**
  - **SCCR – Supply Center Computer Replacement**
- **DoD**
  - **JMAR - Joint Medical Asset Repository**
  - **GCCS - Global Command and Control System (EUCOM Only)**
  - **RF ITV – Radio Frequency In-Transit Visibility**
- **TRANSCOM**
  - **GTN – Global Transportation Network**
  - **DTRACS - Defense Transportation Recording and Control System (EUCOM Only)**

JTAV Service/Agency Data Sources

- **Defense Logistics Agency**
  - **DRMS - Defense Reutilization and Marketing Service Combat Ammunition System**
  - **DISMS - Defense Integrated Subsistence Management System**
  - **SAMMS – Standard Automated Materiel Management System**
  - **BSM – Business System Modernization**
  - **DSS – Distribution Standard System**
  - **DFAMS – Defense Fuel Automated Management System**
  - **FLIS – Federal Logistics Information System**
  - **DODAAF-DAASC – Department of Defense Activity Address File- Defense Automatic Addressing System Center**
  - **AMS – Automated Manifest System**
  - **DAASC/DMARS – Defense Automatic Addressing System Center/DAAS Micro Automated Routing System**